

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140454.D
 Acq On : 18 Nov 2024 15:11
 Operator : RC/JU
 Sample : PB164880TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164880TB

Quant Time: Nov 18 15:49:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	143228	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	544631	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	305822	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	567297	20.000	ng	0.00
76) Chrysene-d12	14.045	240	318470	20.000	ng	0.00
86) Perylene-d12	15.527	264	278143	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1035018	123.382	ng	0.02
7) Phenol-d6	6.510	99	1367845	120.352	ng	0.00
23) Nitrobenzene-d5	7.434	82	903841	86.467	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	373832	122.924	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1658431	87.175	ng	0.00
79) Terphenyl-d14	12.986	244	1774037	96.692	ng	0.00

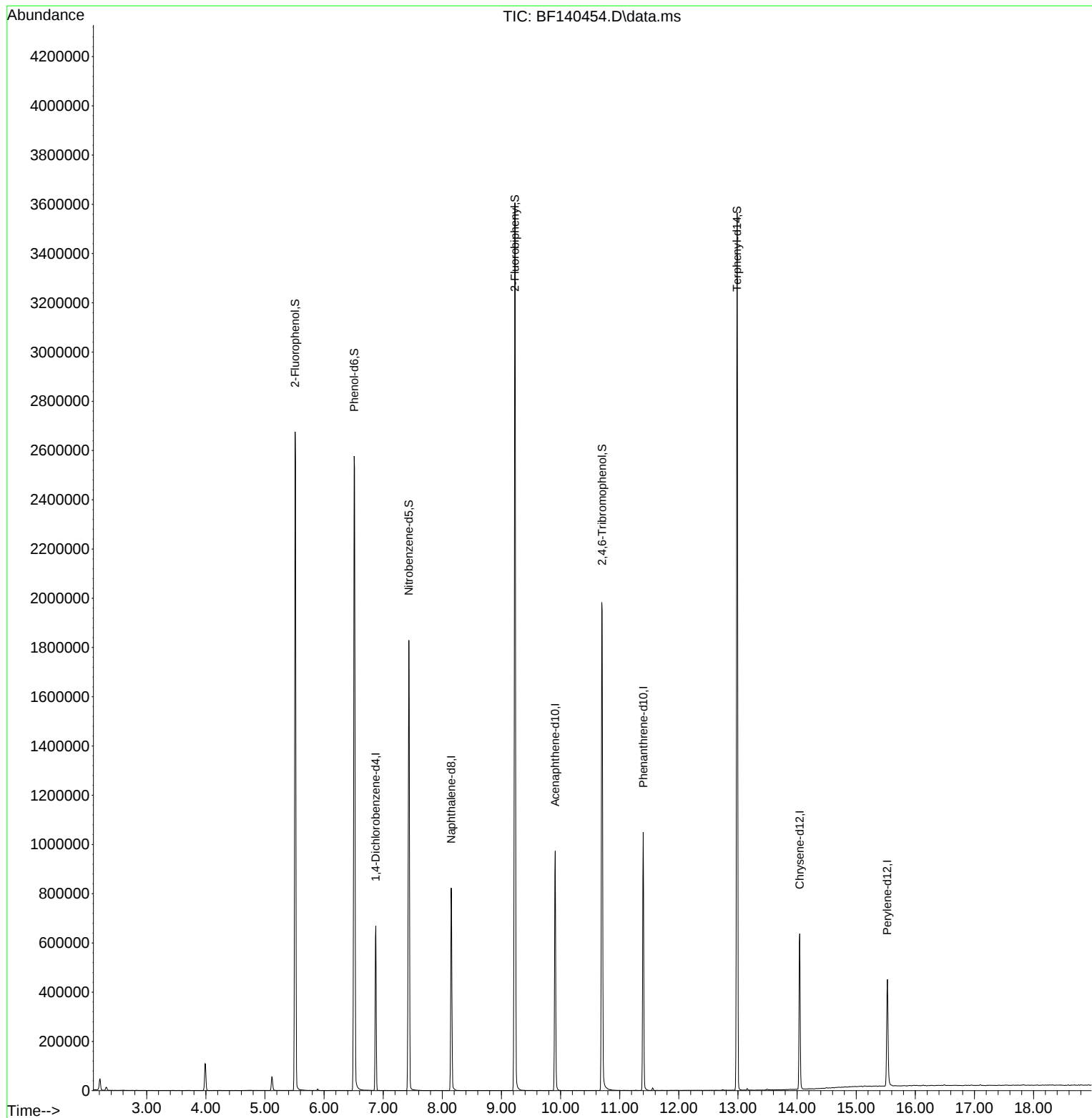
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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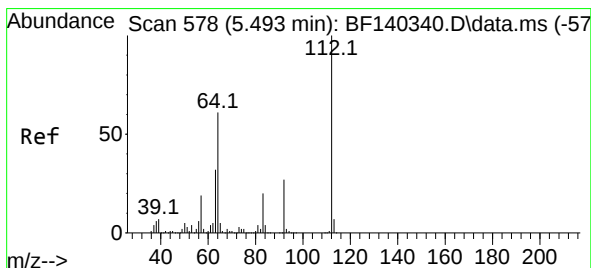
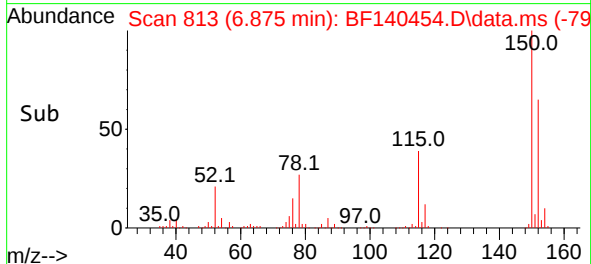
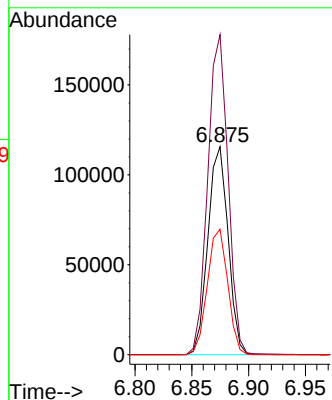
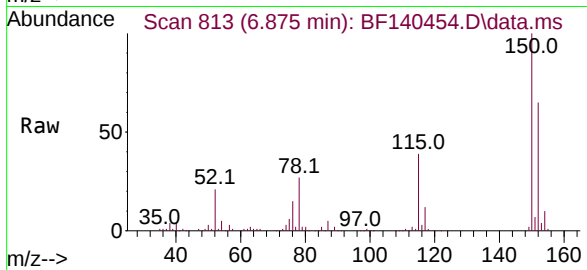




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

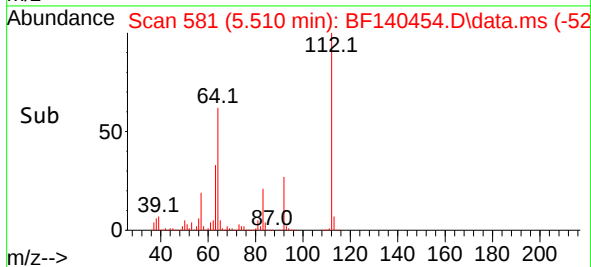
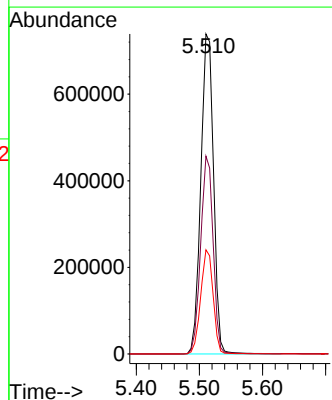
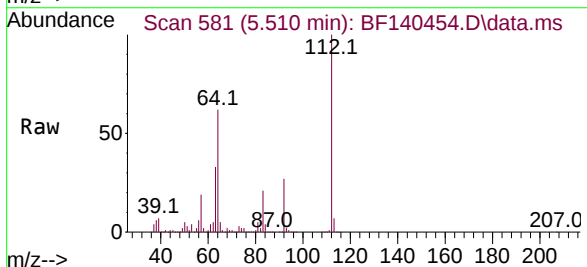
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion:152 Resp: 143228
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 60.3 47.4 71.2



#5
2-Fluorophenol
Concen: 123.382 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion:112 Resp: 1035018
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 32.6 25.6 38.4

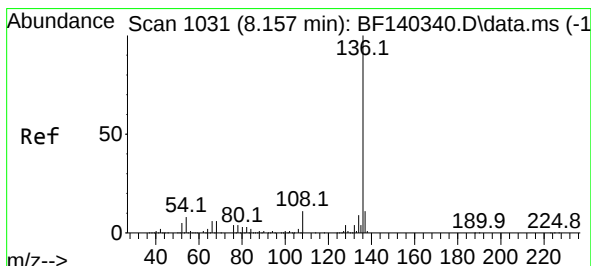
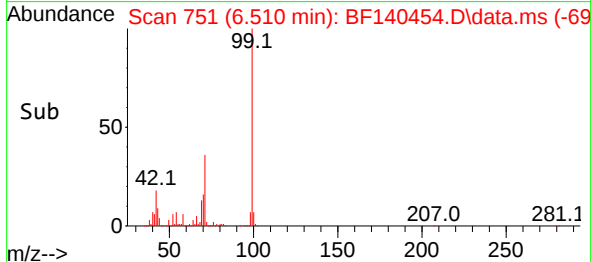
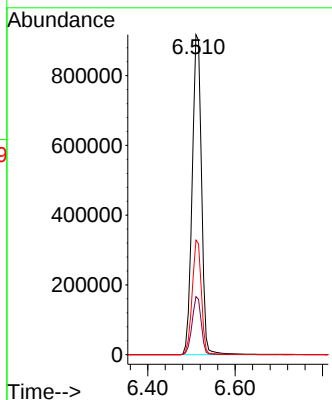
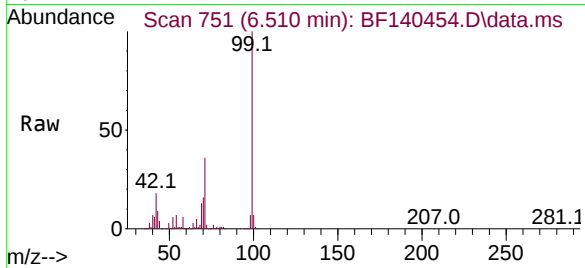




#7
Phenol-d6
Concen: 120.352 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

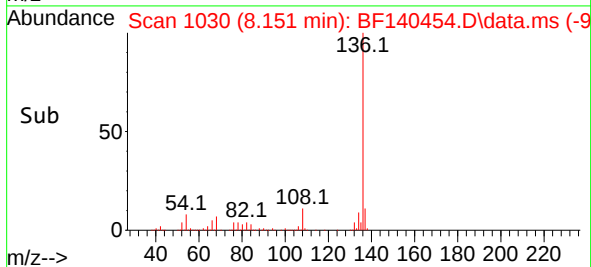
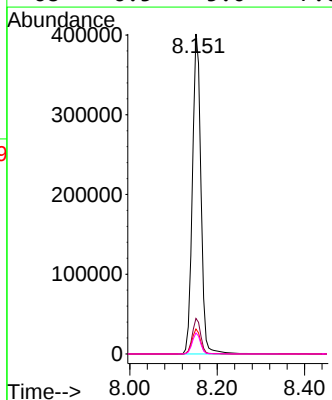
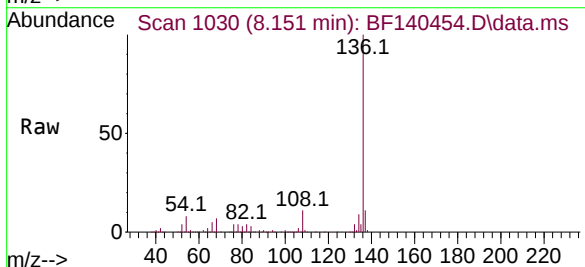
Instrument :
BNA_F
ClientSampleId :
PB164880TB

Tgt Ion: 99 Resp: 1367845
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion: 136 Resp: 544631
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.5 9.7
68 6.5 5.0 7.6

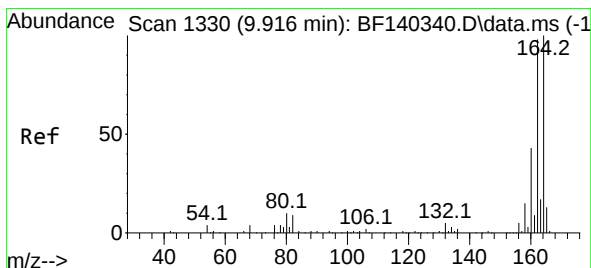
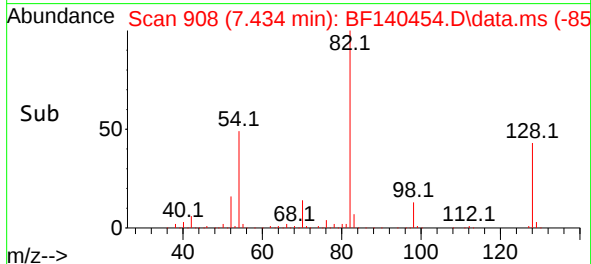
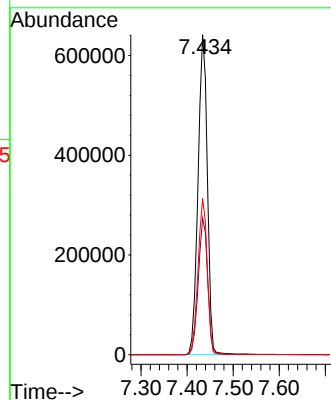
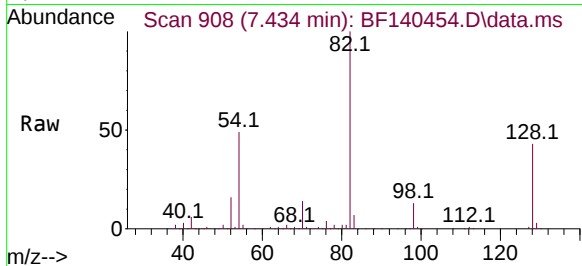




#23
 Nitrobenzene-d5
 Concen: 86.467 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140454.D
 Acq: 18 Nov 2024 15:11

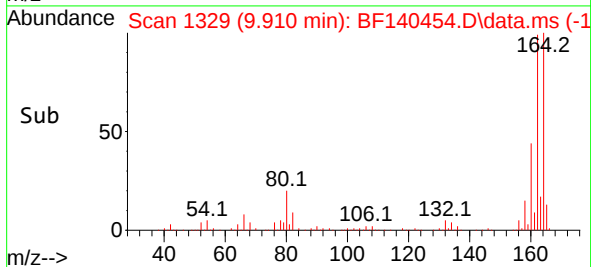
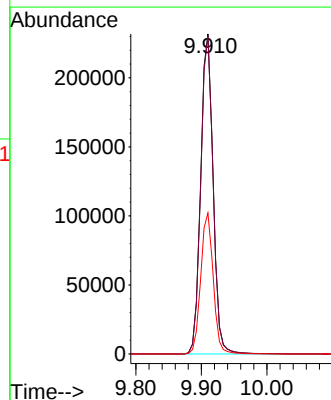
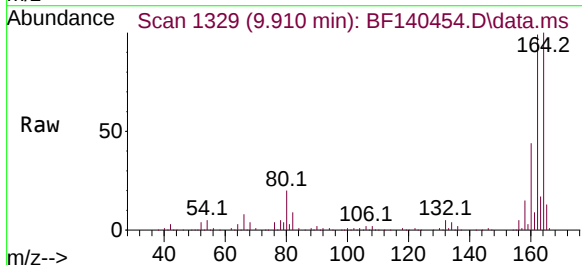
Instrument :
 BNA_F
 ClientSampleId :
 PB164880TB

Tgt Ion: 82 Resp: 903841
 Ion Ratio Lower Upper
 82 100
 128 42.7 33.3 49.9
 54 48.8 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140454.D
 Acq: 18 Nov 2024 15:11

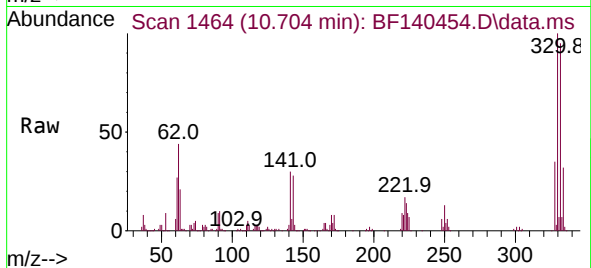
Tgt Ion:164 Resp: 305822
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.8 119.8
 160 44.1 35.4 53.0



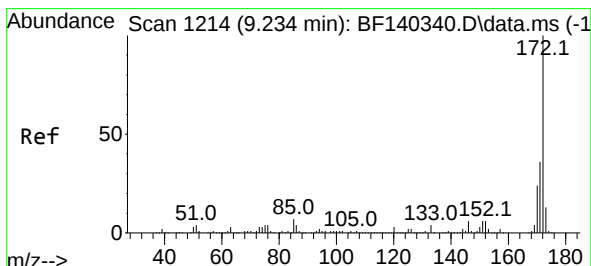
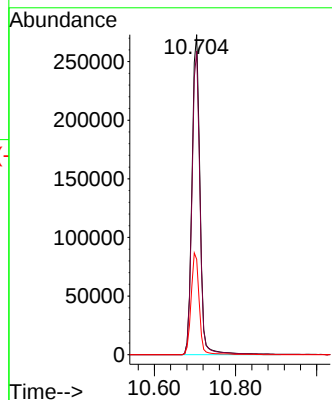
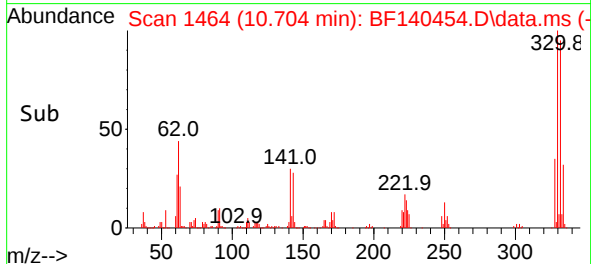


#42
2,4,6-Tribromophenol
Concen: 122.924 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

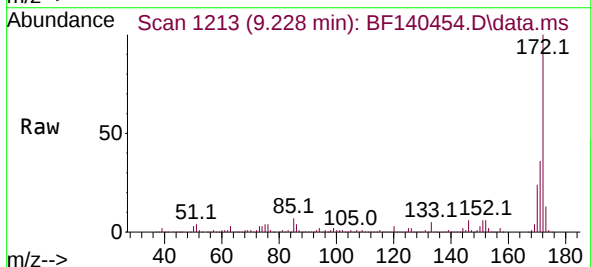
Instrument :
BNA_F
ClientSampleId :
PB164880TB



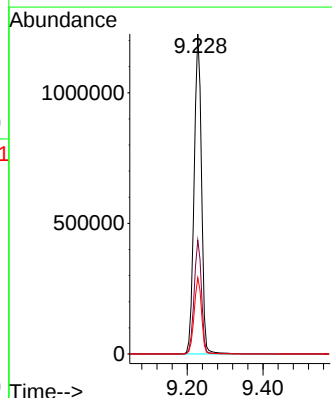
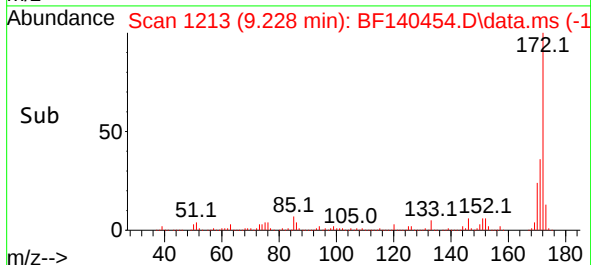
Tgt Ion: 330 Resp: 373832
Ion Ratio Lower Upper
330 100
332 95.0 75.9 113.9
141 32.1 26.9 40.3

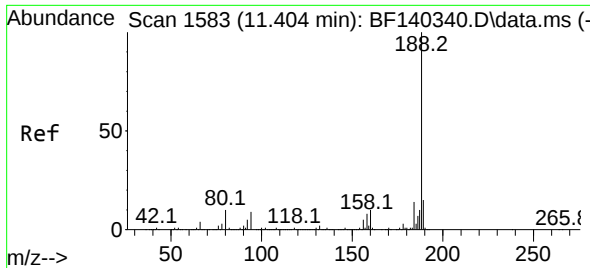


#45
2-Fluorobiphenyl
Concen: 87.175 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11



Tgt Ion: 172 Resp: 1658431
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7

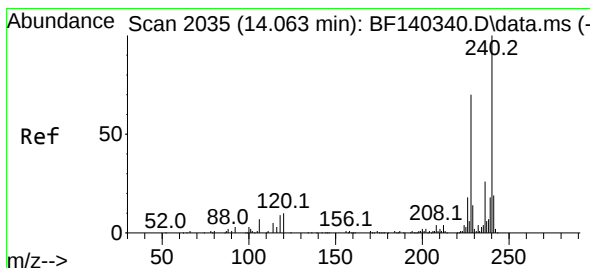
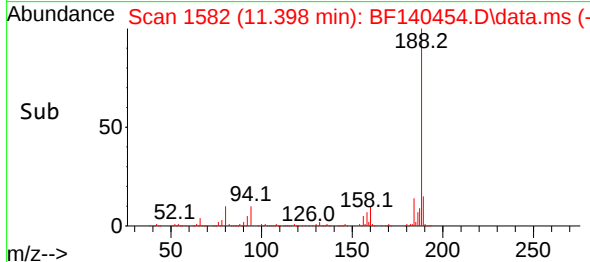
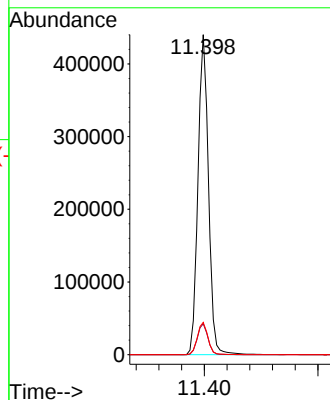
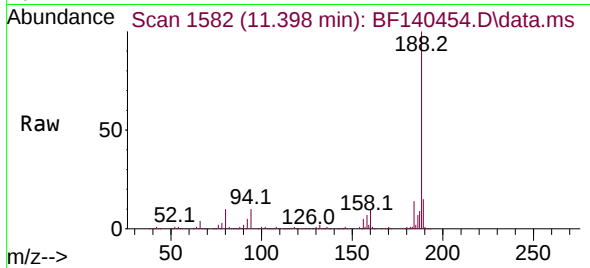




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11398
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

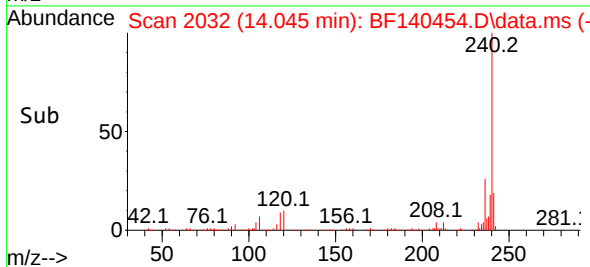
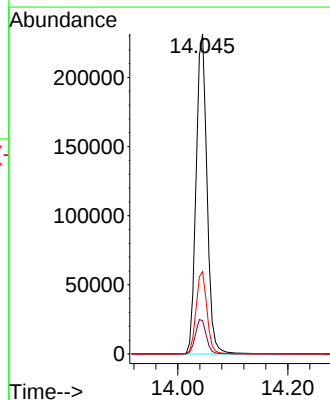
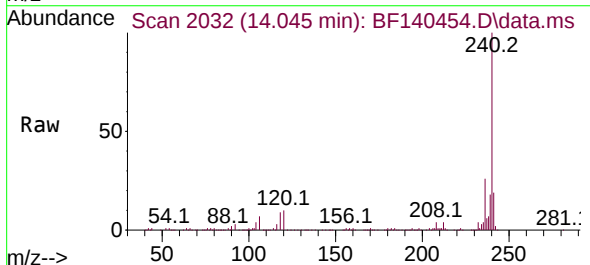
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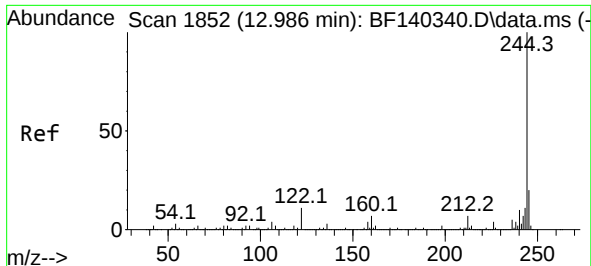
Tgt Ion:188 Resp: 567297
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140454.D
Acq: 18 Nov 2024 15:11

Tgt Ion:240 Resp: 318470
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3

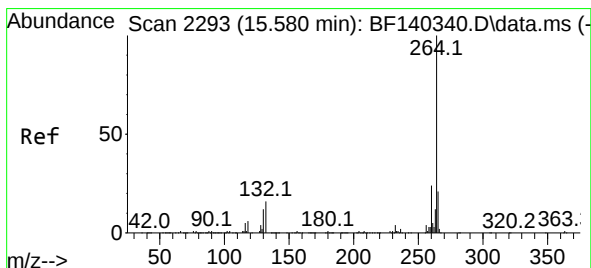
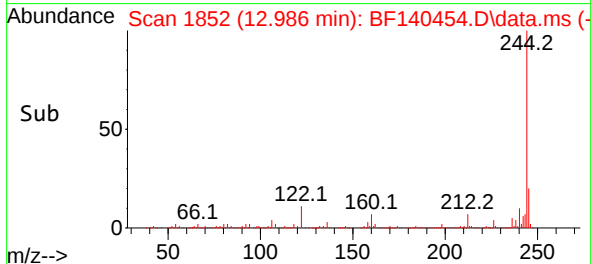
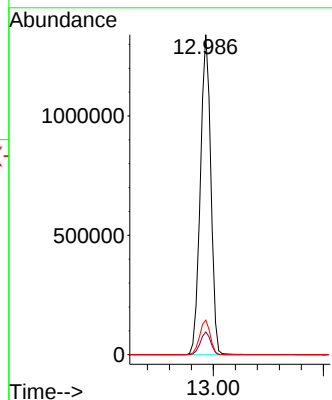
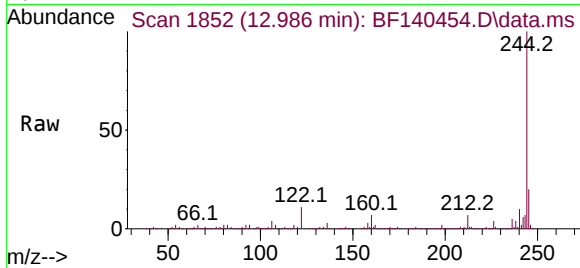




#79
 Terphenyl-d14
 Concen: 96.692 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140454.D
 Acq: 18 Nov 2024 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB164880TB

Tgt Ion:244 Resp: 1774037
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.029 min
 Lab File: BF140454.D
 Acq: 18 Nov 2024 15:11

Tgt Ion:264 Resp: 278143
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.1 25.7

